

Title (en)

RADIO TEST SYSTEM AND METHOD FOR TESTING A DEVICE UNDER TEST

Title (de)

FUNKTESTSYSTEM UND VERFAHREN ZUM TESTEN EINER ZU TESTENDEN VORRICHTUNG

Title (fr)

SYSTÈME DE TEST RADIO ET PROCÉDÉ POUR TESTER UN DISPOSITIF SOUS TEST

Publication

EP 3399674 A1 20181107 (EN)

Application

EP 17169533 A 20170504

Priority

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Abstract (en)

A radio test system (10) for testing a device under test (12) is described, comprising a signal generation unit (14) configured to generate a downlink signal to be transmitted to the device under test (12) for over-the-air testing. The radio test system (10) has at least one antenna (18) configured to transmit the downlink signal via an over-the-air transmission channel (42) to the device under test (12). Further, a receiver (30) is provided that is configured to receive a response signal via the over-the-air transmission channel (42) from the device under test (12). In addition, the radio test system (10) has at least one over-the-air adapter (44) that is connected to the signal generation unit (14) wherein the over-the-air adapter (44) is configured to adapt the downlink signal to be transmitted such that the over-the-air transmission channel (42) is equalized. Further, a method for testing a device under test (12) is described.

IPC 8 full level

H04B 7/06 (2006.01); **H04B 17/10** (2015.01); **H04B 17/21** (2015.01)

CPC (source: EP US)

G01R 31/2822 (2013.01 - US); **G01R 31/31926** (2013.01 - US); **G01V 3/02** (2013.01 - US); **G01V 3/083** (2013.01 - US); **G01V 3/102** (2013.01 - US); **G01V 3/12** (2013.01 - US); **H04B 17/104** (2015.01 - EP US); **H04B 17/21** (2015.01 - EP US); **H04B 17/309** (2015.01 - US); **H04W 24/06** (2013.01 - US); **G01V 3/24** (2013.01 - US); **H04B 7/0691** (2013.01 - EP US); **H04B 7/0874** (2013.01 - EP US); **H04B 17/391** (2015.01 - US); **Y02A 90/30** (2017.12 - US)

Citation (applicant)

WO 2016190944 A1 20161201 - LITEPOINT CORP [US]

Citation (search report)

- [XY] US 2007201536 A1 20070830 - NICOLAS JULIEN [US], et al
- [YA] WO 2013004887 A1 20130110 - ELEKTROBIT SYSTEM TEST OY [FI], et al

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EP3699612A1; CN115290991A; US11057126B2; EP3672117A1; CN111342909A; US11165513B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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EP 3399674 A1 20181107; **EP 3399674 B1 20220302**; US 10649023 B2 20200512; US 2018321301 A1 20181108

DOCDB simple family (application)

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